

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
 Data File : VY019521.D
 Acq On : 12 Sep 2024 11:57
 Operator : SY/MD
 Sample : VY0912SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

09/13/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Sep 13 01:30:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	463020	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	795222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	669849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	310957	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	249239	58.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.260%	
35) Dibromofluoromethane	7.628	113	251950	55.880	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.760%	
50) Toluene-d8	10.109	98	929903	55.760	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.520%	
62) 4-Bromofluorobenzene	12.408	95	328998	51.307	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 102.620%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	65640	23.791	ug/l	98
3) Chloromethane	2.068	50	79509	20.755	ug/l	100
4) Vinyl Chloride	2.208	62	91582	22.109	ug/l	100
5) Bromomethane	2.598	94	62895	24.719	ug/l	97
6) Chloroethane	2.733	64	61670	22.774	ug/l	97
7) Trichlorofluoromethane	3.056	101	148973	21.574	ug/l	96
8) Diethyl Ether	3.458	74	45910	19.807	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.812	101	88085	20.621	ug/l	96
10) Methyl Iodide	4.001	142	103958	18.982	ug/l	94
11) Tert butyl alcohol	4.866	59	34146	98.618	ug/l #	91
12) 1,1-Dichloroethene	3.787	96	81143	19.752	ug/l	91
13) Acrolein	3.653	56	24145	138.458	ug/l	99
14) Allyl chloride	4.379	41	141099	19.153	ug/l #	93
15) Acrylonitrile	5.055	53	99681	99.739	ug/l	99
16) Acetone	3.867	43	95492	93.489	ug/l #	85
17) Carbon Disulfide	4.104	76	197937	17.833	ug/l	99
18) Methyl Acetate	4.385	43	48296	17.423	ug/l	92
19) Methyl tert-butyl Ether	5.116	73	238852	20.529	ug/l	100
20) Methylene Chloride	4.610	84	99596	21.381	ug/l #	86
21) trans-1,2-Dichloroethene	5.110	96	88760	19.712	ug/l	91
22) Diisopropyl ether	6.013	45	302417	19.991	ug/l	92
23) Vinyl Acetate	5.958	43	877397	101.539	ug/l #	93
24) 1,1-Dichloroethane	5.909	63	174280	20.530	ug/l	97
25) 2-Butanone	6.890	43	142103	97.818	ug/l	92
26) 2,2-Dichloropropane	6.884	77	154126	20.128	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	111594	20.403	ug/l	90
28) Bromochloromethane	7.244	49	66426	18.598	ug/l	87
29) Tetrahydrofuran	7.262	42	87966	99.590	ug/l	86
30) Chloroform	7.415	83	179296	20.690	ug/l	97
31) Cyclohexane	7.695	56	143890	18.752	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	161744	20.823	ug/l	97
36) 1,1-Dichloropropene	7.835	75	121836	19.859	ug/l	97
37) Ethyl Acetate	6.982	43	61719	19.634	ug/l #	96
38) Carbon Tetrachloride	7.817	117	140589	20.321	ug/l	98
39) Methylcyclohexane	9.103	83	155696	19.070	ug/l	91
40) Benzene	8.079	78	370076	19.584	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	33515	18.290	ug/l	90
42) 1,2-Dichloroethane	8.158	62	104487	20.549	ug/l	95
43) Isopropyl Acetate	8.195	43	130311	19.732	ug/l	90
44) Trichloroethene	8.866	130	95534	19.658	ug/l	93
45) 1,2-Dichloropropane	9.140	63	92005	19.916	ug/l	96
46) Dibromomethane	9.231	93	50866	20.135	ug/l	96
47) Bromodichloromethane	9.420	83	138451	20.388	ug/l	94
48) Methyl methacrylate	9.219	41	58000	18.597	ug/l	86
49) 1,4-Dioxane	9.231	88	11725	394.249	ug/l #	79
51) 4-Methyl-2-Pentanone	10.000	43	327070	98.440	ug/l	91
52) Toluene	10.170	92	241429	19.866	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	126378	19.522	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	145693	19.328	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	67908	19.465	ug/l	92
56) Ethyl methacrylate	10.439	69	101613	19.174	ug/l #	81
57) 1,3-Dichloropropane	10.719	76	119453	19.919	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	232615	94.571	ug/l	100
59) 2-Hexanone	10.762	43	229531	94.230	ug/l	89
60) Dibromochloromethane	10.914	129	91939	19.922	ug/l	100
61) 1,2-Dibromoethane	11.018	107	64107	19.722	ug/l	100
64) Tetrachloroethene	10.646	164	81873	19.738	ug/l	95
65) Chlorobenzene	11.444	112	264701	20.089	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	93240	20.438	ug/l	99
67) Ethyl Benzene	11.518	91	471666	20.146	ug/l	99
68) m/p-Xylenes	11.627	106	358641	40.512	ug/l	95
69) o-Xylene	11.957	106	173488	20.039	ug/l	95
70) Styrene	11.969	104	292204	19.990	ug/l	96
71) Bromoform	12.133	173	50700	19.457	ug/l #	100
73) Isopropylbenzene	12.255	105	458973	20.345	ug/l	100
74) N-amyl acetate	12.072	43	120862	19.700	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	80544	20.115	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	49724m	17.060	ug/l	
77) Bromobenzene	12.530	156	98100	19.607	ug/l	87
78) n-propylbenzene	12.597	91	549298	20.543	ug/l	99
79) 2-Chlorotoluene	12.682	91	317277	20.361	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	371662	20.266	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	29496	19.428	ug/l	93
82) 4-Chlorotoluene	12.780	91	325031	20.289	ug/l	96
83) tert-Butylbenzene	12.999	119	345246	20.795	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	365464	20.132	ug/l	98
85) sec-Butylbenzene	13.176	105	501051	20.774	ug/l	99
86) p-Isopropyltoluene	13.292	119	406351	20.592	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	196582	20.220	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	193761	20.082	ug/l	96
89) n-Butylbenzene	13.615	91	384107	20.361	ug/l	99
90) Hexachloroethane	13.883	117	82204	20.021	ug/l	91
91) 1,2-Dichlorobenzene	13.657	146	174098	20.068	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12665	18.978	ug/l	85
93) 1,2,4-Trichlorobenzene	14.919	180	95159	18.034	ug/l	97
94) Hexachlorobutadiene	15.023	225	51940	18.426	ug/l	98
95) Naphthalene	15.145	128	190433	18.022	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	80126	17.753	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

